

What is Claimed is:

[illegible]

1. A method of making a purchase comprising:
activating, in a receiver connected to a presentation device, a purchase screen having
at least one field, wherein the receiver is configured to:
receive broadcast signals through an input mechanism ; and
enable the presentation device to display the broadcast signals;
the activation enabling the purchase screen to be displayed on the presentation
device;
receiving purchase information in the at least one field into the receiver from a user;
establishing a secure electronic connection, using a communication mechanism of
the receiver that is different from the input mechanism, with a vendor;
electronically transmitting the purchase information from the receiver through the
secure electronic connection to the vendor; and
receiving a confirmation number from the vendor into the receiver.
2. The method of claim 1 wherein the activation is received from a user using a
remote control.
3. The method of claim 1 wherein the purchase information comprises:
a type of credit card;
a credit card number; and
an expiration date.
4. The method of claim 1 wherein the purchase information comprises
merchandise information for merchandise to be purchased from the vendor.
5. The method of claim 1 wherein the purchase information comprises service
information for a service to be purchased from the vendor.

1 7. The method of claim 5 wherein the service is for an activation of a television
2 programming package.

1 9. The method of claim 1 further comprising verifying that all of the required
2 purchase information has been received.

1 10. The method of claim 1 wherein establishing a secure electronic connection
2 comprises:
3 obtaining a dialtone through a modem connected to the receiver;
4 dialing a phone number corresponding to the vendor selected, wherein the phone
5 number is stored in the receiver; and
6 establishing a secure connection with a computer system of the vendor at the phone
7 number dialed.

1 11. The method of claim 1 further comprising causing one or more onscreen
2 messages to be displayed that indicate actions being taken by the receiver.

1 12. The method of claim 1 further comprising storing the confirmation number
2 into a purchase history screen in the receiver that allows a customer to view the purchase
3 information.

1 13. / The method of claim 1 wherein the vendor is a credit card company.

1 14. The method of claim 1 wherein the receiver is an integrated receiver/decoder
2 (IRD).

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1 16. A system for purchasing comprising:
2 a receiver configured to:

1 17. The system of claim 16 wherein the receiver is configured to receive the '
2 activation from a user using a remote control.

1 19. The system of claim 16 wherein the purchase information comprises
2 merchandise information for merchandise to be purchased from the vendor.

1 20. The system of claim 16 wherein the purchase information comprises service
2 information for a service to be purchased from the vendor.

1 21. The system of claim 20 wherein the service is for television programming.

23. The system of claim 20, the receiver further configured to:
receive authorization for the service from the vendor; and
allow the display of the authorized services.

1 24. The system of claim 16, the receiver further configured to verify that all of
2 the required purchase information has been received.

1 25. The system of claim 16 wherein the receiver is configured to establish a
2 secure electronic connection by:
3 obtaining a dialtone through a modem connected to the receiver;
4 dialing a phone number corresponding to the vendor selected, wherein the phone
5 number is stored in the receiver; and
6 establishing a secure connection with a computer system of the vendor at the phone
7 number dialed.

1 26. The system of claim 16, the receiver further configured to cause one or more
2 onscreen messages to be displayed that indicate actions being taken by the receiver.

27. The system of claim 16, the receiver further configured to store the confirmation number into a purchase history screen in the receiver that allows a customer to view the purchase information.

1 28. The system of claim 16 wherein the vendor is a credit card company.

1 29. The system of claim 16 wherein the receiver is an integrated receiver/decoder
2 (TRD).

1 30. /The system of claim 16 wherein the presentation device is a television.

1 31. An article of manufacture for purchasing comprising:
2 means for a receiver connected to a presentation device to receive broadcast signals
3 through an input mechanism;
4 means for the receiver to enable the presentation device to display the broadcast
5 signals;
6 means for the receiver to receive activation of a purchase screen having at least one
7 field;
8 means for the activation to enable the purchase screen to be displayed on the
9 presentation device;
10 means for the receiver to receive purchase information for the one or more fields
11 from a user;
12 means for the receiver to establish a secure electronic connection, using a
13 communication mechanism that is different from the input mechanism, with a vendor;
14 means for the receiver to electronically transmit the purchase information through
15 the secure electronic connection to the vendor; and
16 means for the receiver to receive a confirmation number from the vendor.

1 32. The article of manufacture of claim 31 wherein the activation is received
2 from a user using a remote control.

1 33. The article of manufacture of claim 31 wherein the purchase information
2 comprises:
3 a type of credit card;
4 a credit card number; and
5 an expiration date.

1 34. The article of manufacture of claim 31 wherein the purchase information
2 comprises merchandise information for merchandise to be purchased from the vendor.

1 35. The article of manufacture of claim 31 wherein the purchase information
2 comprises service information for a service to be purchased from the vendor.

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1 43. The article of manufacture of claim 31 wherein the vendor is a credit card
2 company.

44. The ar
ceiver/decoder (IR)

45. The ar
revision.

1 45/ The article of manufacture of claim 31 wherein the presentation device is a
2 television.

$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

